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PTO/SB/08A (05-03)
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(Substitute for Form 1449A/PTO) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	10/616,397
				Filing Date	7/9/2003
				First Named Inventor	Hsu
				Art Unit	1725
				Examiner Name	CLIFFORD C. SHAW
Sheet	1	of	2	Attorney Docket Number	LEE 2 00184

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		759,575	10/17/1956	unknown	
		880,502	10/25/1961	unknown	
		2,467,094	12/21/1948	Smith	
CA		2,849,195	08/26/1958	Richardson, et al.	
CA		2,895,210	07/21/1959	Hubbard	
CA		2,966,258	12/27/1960	Kreff, et al.	
CA		3,013,742	12/19/1961	Bittman	
CA		3,076,619	02/05/1963	Nye, et al.	
CA		3,082,868	03/26/1963	Hubbard	
CA		3,113,745	12/10/1963	Bittman	
CA		3,168,259	02/02/1965	Cady	
CA		4,296,304	10/20/1981	Defourmy	
CA		4,350,311	09/21/1982	Pokhodnya, et al.	
CA		4,508,291	04/02/1985	Kosch	
CA		4,553,707	11/19/1985	Henrich	
CA		4,737,614	04/12/1988	Richardson	
CA		4,869,367	09/26/1989	Kawasaki, et al.	
CA		4,869,438	09/26/1989	Braun, et al.	
CA		4,920,249	04/24/1990	McLaughlin, et al.	
CA		5,105,943	04/21/1992	Lesko et al.	

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Examiner Signature		Date Considered	5/11/2005
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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1449A/PTO
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LIST OF PRIOR ART CITED BY APPLICANT

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Complete if Known

Application Number	10/616,397
Filing Date	July 9, 2003
First Named Inventor	Hsu, et al.
Group Art Unit	1725
Examiner Name	Jeffrey Olsen CLIFFORD C. SHAW
Attorney Docket Number	LEFF 2 00184

Sheet 1 of 1

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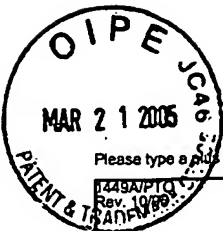
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CS		5,105,943		Lesko	04/21/1992	
CS		5,277,314		Cooper	01/11/1994	
CS		5,405,075		Narita	04/11/1995	

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		Office*	Number*	Kind Code* (if known)			
CS			EP 1267143	A1	Magonette	12/19/02	
CS			WO 01/89472	A1	Rincon, et al.	11/22/01	
CS			DE 19754857		Motoman Robotec GMBH	07/02/1998	
CS			GB 759,575		Continental Can Company	08/18/1954	
CS			GB 880,502		The Vaughn Machinery Co.	07/27/1959	

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